

## **Claims**

1. Switching device for at least one switching function on the housing or base of an automotive interior mirror module, **characterized in that**
  - arranged on the housing (11) or base (15) of an automotive interior mirror module (10) is at least one sensor (21, 25) or a sensor array, which, in combination with an internal or external evaluation electronics unit (31, 35), initiates at least one switching process based on the approach of a nonmetallic object as a switching element.
2. Switching device from claim 1, **characterized in that** the evaluation electronics unit (31, 35) generates a turn-on signal from a first approach and generates a turn-off signal from a second approach.
3. Switching device from claim 2, **characterized in that** a reading lamp (40) integrated in the housing (11) is turned on and off by the turn-on and turn-off signals.
4. Switching device from claim 1, **characterized in that** the automotive interior mirror module (10) has a mirror base (15).
5. Switching device from claim 1, **characterized in that** the evaluation electronics unit (31, 32) is located in the mirror housing (11) or in the mirror base (15).

6. Switching device from claim 1, **characterized in that** the sensor (21, 25) or the sensor array is provided with a preferred directivity.
7. Switching device from claim 1, **characterized in that** it is provided with a sensitivity adjustment that is used to set the length of the desired approach distance.
8. Switching device for at least one switching function on the housing or base of an automotive interior mirror module, **characterized in that**
  - arranged on the housing (11) of an automotive interior mirror module (10) is at least one sensor (25) or a sensor array, which, in combination with an internal or external evaluation electronics unit, initiates at least one switching process based on the force-free touch of a nonmetallic object as a switching element.
9. Switching device from claims 1, **characterized in that** the sensor (21, 25) or sensor array is located in the lower corner region (12) of the housing (11) facing the driver.
10. Switching device from claims 1, **characterized in that** the sensitive area (24, 28) of the sensor (21, 25) or sensor array is at least ten times the size of a conventional mechanical pushbutton.